

DESCRIPTIONS OF NEW AUSTRALIAN LEPIDOPTERA.

BY OSWALD B. LOWER, F.E.S., LOND., &C.

ARCTIADÆ.

Lithosinæ.

CTENOSIA, Hmps. n.

Proboscis fully developed; palpi porrect, not reaching beyond frons; antennæ of ♂ bipectinate, with short branches ending in a bristle; tibiæ with moderate spurs; abdomen clothed with rough hair. Forewing narrowly elongate; vein 2 from towards end of cell, oblique; 3 and 4 on a long stalk; 6, 7, 8 and 10 stalked; 9 absent; 10 from beyond 7; 11 free. Hindwings somewhat broader than forewings; 2 from towards end of cell; 3 and 4 stalked; 5 absent; 6 and 7 stalked; 8 from middle of cell.

The genus was founded on an African species, *C. psecriphora*, Distant. The present species is a very obscure-looking insect. I am indebted to Sir Geo. Hampson, Bart., of the British Museum, for the correct location of this and many other species described in this paper.

CTEN. INFUSCATA, n.sp.

♂. 20-25 mm. Head, palpi, antennæ, thorax and legs dull greyish-ochreous. Abdomen fuscous, densely clothed with fine greyish-ochreous hairs. Forewings elongate, termen bowed, oblique; dull greyish-ochreous; costa narrowly fuscous on basal half; a moderate obscure and somewhat suffused fuscous fascia from $\frac{2}{3}$ of costa to $\frac{3}{5}$ inner margin, anterior edge moderately defined, posterior edge obscure and tending to be continued along veins to termen: cilia greyish-ochreous. Hindwings with termen

rounded ; light fuscous, becoming narrowly ochreous along inner margin ; cilia as in forewings, but ochreous along inner margin.

Broken Hill, N.S.W. ; two specimens, in April.

CAPRIMIMA SCRIPTA, n.sp.

♂. 16 mm. Head, palpi, thorax and abdomen dull whitish. Antennæ and legs fuscous. Forewings elongate-ovate, costa strongly arched, termen bowed, oblique ; 10 and 11 separate ; dull white, markings fuscous ; a small spot at base of costa ; a larger costal spot beyond, connected by a fine costal streak ; a small spot below and between ; an irregular transverse series of spots, from costa before middle to inner margin at $\frac{1}{3}$, becoming divided into two fine lines on lower half ; a similar fascia from before apex to before anal angle, strongly curved outwards in middle, and followed throughout by a fine parallel line ; a dot on costa between the two fasciæ, and a smaller one below ; a spot on middle of termen : cilia dull whitish. Hindwings with termen rounded ; light fuscous, paler on basal half ; cilia as in forewings.

Duaringa, Q. ; one specimen, in November.

This species will come in Hampson's genus *Caprimima*, Section ii., formerly classed as *Chiriphe*, Walk., by Meyrick and other Australian writers.

NOCTUIDÆ.

Argotinæ.

CANTHYLIDIA MESOLEUCA, n.sp.

♀. 26 mm. Head, palpi, antennæ, thorax and abdomen greyish-ochreous ; palpi white on basal $\frac{2}{3}$. Legs grey-whitish. Forewings elongate-triangular, termen obliquely rounded, faintly waved ; ochreous-fuscous ; a moderate silvery-white longitudinal supra-median streak from $\frac{1}{3}$ from base to termen, attenuated anteriorly ; a fine similarly coloured streak above posterior third of previous streak ; a fine, somewhat bowed, streak below middle, from base to termen above anal angle ; a fine silvery-white line along inner margin : cilia fuscous. Hindwings with termen

faintly waved; whitish, thinly scaled, with a suffused fuscous band along termen, more pronounced on upper half; cilia white.

Broken Hill, N.S.W.; one specimen, in March.

Allied to *cramboides*, G'n., but separated from that species by the greater number and position of the silvery-white lines.

C. ALEUROTA, n.sp.

♂. 20 mm. Head, palpi and thorax greyish-white, palpi white beneath. Antennæ ochreous. Abdomen grey. Legs greyish, coxæ clothed with snow-white hairs. Forewings elongate-triangular, termen faintly waved, obliquely rounded; dull whitish-grey; an obscure series of fuscous dots from costa at $\frac{3}{4}$ to inner margin at about $\frac{2}{3}$, faintly curved outwards on upper third; cilia greyish-fuscous. Hindwings with termen irregularly waved; greyish, becoming broadly suffused with fuscous along termen, especially on upper half; cilia white, with a faint fuscous sub-basal line.

Nearest *moribunda*, G'n., but much narrower-winged and more whitish in colour, in this respect approaching *pallida*, Butl.

C. ANEMODES, n.sp.

♂. 22 mm. Head, palpi, antennæ and thorax ochreous-grey, palpi whitish at base beneath. Abdomen and legs fuscous. Forewings elongate-triangular, termen faintly waved, obliquely rounded; pale ochreous, becoming slightly darker on middle of inner margin; cilia pale ochreous-white, becoming more ochreous at base. Hindwings with termen irregularly waved; clear white, thinly scaled; cilia white, faintly ochreous-tinged at base.

Derby, W.A.; two specimens, in November.

Separable from all the above by the clear white hindwings.

AGROTIS (?) SPILONATA, n.sp.

♀. 35 mm. Head, palpi, antennæ and thorax ochreous, fuscous-tinged. Abdomen grey-whitish, finely irrorated with fuscous, especially beneath. Legs whitish, finely irrorated with reddish-fuscous. Forewings elongate-triangular, termen waved,

obliquely rounded; brownish-ochreous; veins more or less outlined with fuscous; median third of wing fuscous, more pronounced on upper half; orbicular moderate, ovoid, white, faintly centred with fuscous; reniform large, well developed, white, broadly centred with fuscous; a fine fuscous waved line along termen: cilia ochreous, with subbasal and terminal fuscous lines. Hindwings with termen rounded, waved; iridescent-white, termen more or less faintly infuscated; cilia white.

Blackwood, S.A.; one specimen, in March.

AGROTIS (?) AMAURODES, n.sp.

♀. 36 mm. Head, palpi, antennæ and thorax whitish, palpi short, white beneath. Abdomen grey-whitish, finely irrorated with fuscous. Legs fuscous. Forewings elongate-triangular, termen faintly waved, somewhat bowed, oblique; dull whitish-fuscous, more or less irrorated with darker fuscous and a few ferruginous scales; 5 small black spots on costa between base and reniform spot, from first proceeds a short waved fuscous double line, only perceptible on upper half; a similar line proceeding from second and third spots and ending on inner margin at $\frac{1}{3}$, a similar line from beyond $\frac{2}{3}$ of costa to inner margin at $\frac{3}{4}$, followed by a broad fuscous parallel shade, posterior edge irregularly waved, and indented beneath costa; ground colour between shade and termen bluish-white; a fine waved line along termen; orbicular small, indistinct, roundish, whitish; reniform small, white, broadly edged on either side, except posterior edge, with black: cilia greyish, with a fuscous median line. Hindwings with termen rounded, hardly waved; light fuscous, becoming whitish on basal half, division suffused; cilia white, with a fuscous median line.

Toorak, Vic.; two specimens, in March.

AGROTIS MNIODES, n.sp.

♂. 30 mm. Head and thorax greyish, thorax with a transverse black anterior line. (Palpi broken). Antennæ bipectinated to apex, ochreous. Abdomen and legs grey-whitish, tibiæ blackish,

ringed with whitish. Forewings elongate-triangular, termen faintly waved, hardly oblique, nearly straight; grey-whitish, very faintly tinged with dull olive-greenish; first line double, waved, black, interspace ochreous-white; second line similar, followed by a black cartridge-shaped spot on fold; postmedian shade moderate, irregularly waved, fuscous, becoming blackish beyond reniform; a subterminal row of cuneiform black spots, edged posteriorly by a waved whitish line; orbicular moderate, whitish, ovoid, edged on anterior and posterior edges with blackish; reniform large, whitish-fuscous, connected with orbicular by a thick black shade; a row of black lunate marks along termen: cilia greyish, with fuscous subbasal and terminal lines. Hindwings with termen irregularly waved; fuscous-whitish, becoming darker along termen; a row of lunate marks along termen; cilia white.

Broken Hill, N.S.W.; one specimen, in November.

AGROTIS (?) PAUROGRAMMA, n.sp.

♀. 32 mm. Head, palpi and thorax dark reddish-fuscous, thickly irrorated with white. Antennæ fuscous. Abdomen and legs whitish-fuscous. Forewings elongate-triangular, termen faintly waved, oblique, gently rounded; dark reddish-fuscous, thickly irrorated with fine white hair-scales; veins more or less outlined with black, especially towards termen and base: cilia dark reddish-fuscous, with a darker median line. Hindwings with termen irregularly waved, somewhat sinuate between veins 4 and 6; light fuscous, darker along termen, and becoming whitish towards base; cilia white.

Derby, W.A.; two specimens, in November.

Mamestrinæ.

MAMESTRA DICTYOTA, n.sp.

♂. 34 mm. Head, palpi and thorax dark fuscous, mixed with whitish, patagia white. Antennæ, legs and abdomen dark ochreous-fuscous, tarsi obscurely ringed with whitish. Forewings

elongate-triangular, termen faintly waved, gently rounded, oblique; dark fuscous, mixed with blackish; first line waved, double, black, interspace white; second line black, moderate, thickest on fold, edged anteriorly by its own width of white, postmedian white, divided into spots which are black-edged anteriorly; subterminal white, waved, moderate, edged anteriorly by a series of cuneiform interneural black spots; a row of cuneiform black spots along termen; orbicular round, moderate, black, ringed with white; reniform moderate, white, with a transverse fuscous streak in centre: cilia fuscous, with a blackish median line, base ochreous. Hindwings with termen faintly waved; dark fuscous, becoming whitish towards base; cilia white, with a fuscous median line.

Melbourne, Vic.; one specimen, in December.

LEUCANIA LEUCOSTA, n.sp.

♂. 30 mm. Head, palpi, thorax, antennæ and legs pale reddish, abdomen reddish-grey, anal tuft reddish. Forewings elongate-triangular, termen nearly entire, gently rounded, oblique; deep reddish-ferruginous; lines fuscous, hardly traceable; a round white spot at posterior extremity of cell; a narrow well defined white streak along costa throughout; a row of fine black dots along termen: cilia deep reddish, becoming lighter at base. Hindwings with termen irregularly waved; white, veins towards termen outlined with dull red; a suffused coppery-fuscous narrow band along upper $\frac{2}{3}$ of termen, broadest at apex; cilia pale reddish, with a fine whitish basal line, becoming wholly white on lower third.

Mackay, Q.; Parkside, S.A.; two specimens, in March.

LEUCANIA EUTHERMA, n.sp.

♀. 25 mm. Head, palpi, antennæ and thorax light ochreous-fuscous. Abdomen and legs greyish-ochreous. Forewings elongate-triangular, termen evenly waved; light ochreous-fuscous, somewhat shining; markings fuscous; a few ill-defined spots along costa; a short streak along fold at base; a transverse row of small spots, from costa at $\frac{1}{3}$ to inner margin at $\frac{1}{3}$; a slightly

outwards-curved row of similar spots from costa at $\frac{2}{3}$ to inner margin at $\frac{2}{3}$; a row of fine elongate black spots along termen: cilia fuscous, with a light ochreous basal line. Hindwings with termen irregularly waved; fuscous, becoming whitish-fuscous on basal third; cilia whitish-ochreous, becoming fuscous on basal half.

Parkside, S.A.; three specimens, in October.

Caradrininæ.

EREMOCHROA PARADESMA, n.sp.

♂♀. 28-32 mm. Head, palpi, antennæ and thorax ochreous-fuscous. Abdomen and legs ochreous-whitish. Forewings elongate-triangular, termen entire, gently rounded, oblique; ochreous-fuscous; subbasal line hardly traceable; first and second lines waved, fuscous, edged externally with whitish; orbicular large, roundish, whitish-ochreous, centred and edged with fuscous; reniform moderate, strongly excised on sides, edged with blackish, space between spots darker; subterminal whitish, edged anteriorly by a fuscous spot-like line of its own width; an interrupted blackish line along termen: cilia ochreous-fuscous, faintly barred with whitish. Hindwings with termen irregularly rounded; pale whitish-ochreous, with a dull fuscous band along termen, a broad fuscous subterminal shade, and indications of a submedian fuscous shade; cilia whitish, sparsely mixed with fuscous.

Parkside, S.A.; three specimens, in October.

May possibly prove to be a variety of *alphitias*, Meyr., but I think not.

PROMETOPUS MELODORA, n.sp.

♂♀. 30 mm. Head, palpi, antennæ and thorax blackish, palpi beneath whitish-grey. Abdomen and legs grey, tarsi blackish, obscurely ringed with whitish. Forewings elongate-triangular, termen faintly waved, obliquely rounded; blackish; subbasal line not traceable, first and second lines waved, black, starting on costa from small yellowish spots; subterminal formed by a series of dull ochreous spots; veins beyond second line more or less

outlined with black; orbicular very small, round, dull ochreous; reniform moderate, white, anteriorly edged with ferruginous, lower lobe filled in with black; a row of black, ochreous-edged elongate spots along termen: cilia ferruginous-fuscous, with a black sub-basal line. Hindwings with termen irregularly rounded; whitish-fuscous, becoming darker on terminal half; a transverse fuscous discal spot; an interrupted fuscous line along termen; cilia white.

Broken Hill, N.S.W.; Parkside, S.A.; common in October and April.

PROMETOPUS CORNUTA, n.sp.

♀. 30 mm. Head, palpi and thorax ashy-grey-whitish, thorax whiter anteriorly, palpi blackish on basal half of second joint. Antennae blackish. Abdomen and legs grey, anterior legs infuscated, all tarsi blackish, obscurely ringed with whitish. Forewings elongate-triangular, termen faintly waved, rounded, oblique; dark fuscous, sprinkled with whitish, ochreous, and ferruginous; subbasal lines black, waved, short; first and second lines black, waved, anteriorly edged with whitish; subterminal black, edged internally with whitish, and posteriorly by a broad dark fuscous shade, somewhat indistinct on lower half, and containing a series of black elongate points on its posterior edge, more distinct in middle, veins beyond faintly outlined with fuscous; orbicular small, round, ochreous, finely edged with blackish; reniform moderate, somewhat quadrate, lower edge with an elongate projection, yellowish, suffusedly edged with fuscous: cilia ashy-grey-fuscous, with a row of dark fuscous spots at base. Hindwings with termen faintly waved, iridescent-whitish, more or less suffused with light fuscous, especially round termen and towards apex; cilia white.

Parkside, S.A.; several specimens, in April.

PROMETOPUS SARCOMORPHA, n.sp.

♀. 26 mm. Head, palpi and thorax fleshy-pink, collar blackish, palpi beneath whitish. Antennae fuscous. Abdomen and legs greyish, finely sprinkled with fuscous, tarsi fuscous. Forewings

elongate-triangular, termen very faintly waved; fleshy-white, becoming more reddish beyond subterminal; basal line moderately thick, black; first and second lines fine, black, waved, first strongly dentate, both starting from black spots on costa; subterminal obscure, not traceable; orbicular ferruginous, small, roundish; reniform somewhat crescentic, whitish, anterior half-filled in with reddish-ferruginous; an interrupted black line along termen: cilia fuscous, mixed with whitish. Hindwings with termen faintly waved; fuscous, becoming lighter towards base; a faint fuscous discal dot; cilia whitish, with a faint fuscous subbasal line.

Gisborne, Vic.; Broken Hill, N.S.W.; two specimens, in April.

Allied to *miltoneura*, Lower, differing chiefly in the absence of subterminal black spots and darker hindwings.

PROMETOPUS CYANOLOMA.

♀. 32 mm. Head, palpi and thorax ochreous, palpi whitish beneath, blackish on sides at base. Antennæ, abdomen and legs greyish-ochreous, tarsi fuscous. Forewings elongate-triangular, termen very faintly waved, obliquely rounded; pale clear ochreous; basal, first and second lines not traceable, only indicated by a few scattered black spots; orbicular minute, whitish; reniform roundish, suffused, whitish, almost entirely concealed by a large well marked blackish shade; a small black spot, edged with whitish, just above; subterminal preceded by a row of short black neural streaks, most prominent on middle; space between this and termen clear bluish-white; a row of small black dots along termen: cilia ochreous. Hindwings with termen faintly waved; whitish-fuscous, becoming broadly light fuscous along termen; cilia white, with a greyish subbasal line.

Melbourne, Vic.; one specimen, in April.

PROMETOPUS PETRODORA, n.sp.

♀. 36 mm. Head, palpi and thorax whitish, sprinkled with grey. Antennæ fuscous. Abdomen and legs greyish, tarsi fuscous. Forewings elongate-triangular, termen very faintly waved,

obliquely rounded; whitish, more or less irrorated throughout with light greyish-fuscous; basal and second lines black, waved, faintly indicated; first line black, waved, preceded by three blackish spots; subterminal light fuscous, preceded by a transverse row of elongate black marks on veins; orbicular not discernible; reniform small, white, anteriorly edged with fuscous and with a fuscous suffusion beneath; a row of blackish spots along termen: cilia whitish. Hindwings iridescent-whitish, becoming fuscous around termen and apex; cilia iridescent-white.

Parkside, S.A.; three specimens, in April.

PROMETOPUS ENDESMA, n.sp.

♂. 32 mm. Head, palpi, antennæ and thorax light ochreous-fuscous, collar narrowly dark fuscous in front, rather broadly whitish behind, palpi fuscous on sides at base, antennal pectinations $1\frac{1}{2}$. Abdomen greyish. Legs fuscous-greyish. Forewings elongate-triangular, termen very faintly waved, obliquely rounded; light brownish-ochreous, more or less mixed with fuscous, except terminal area which is clear ochreous-brown throughout; basal and first lines little indicated; second line dentate, black; subterminal dark fuscous, edged anteriorly by a row of black elongate spots; orbicular round, yellowish, edged with black; reniform very large, white, somewhat crescentic posteriorly, containing a fuscous line in centre which becomes somewhat broad below; a black streak along fold near base; an interrupted fine fuscous line along termen: cilia ochreous-fuscous. Hindwings with termen very faintly waved; iridescent-white; an elongate-crescentic fuscous discal spot; an obscure submedian series of fuscous dots; cilia whitish, with some fuscous spots at extremities of veins.

Parkside, S.A.; two specimens, in April.

CARADRINA MICROSPILA, n.sp.

♂. 26 mm. Head, palpi and thorax dark fuscous, palpi greyish internally. Antennæ, abdomen and legs fuscous-greyish, tarsi fuscous, obscurely ringed with whitish. Forewings elongate-triangular, termen hardly waved, obliquely rounded; dark fuscous;

lines black, waved, starting from light ochreous costal spots; basal followed by a faint ochreous line; first and second well marked; subterminal with moderate projection above inner margin, followed throughout by a broad blackish shade, with some elongate spots in middle; a black streak along fold; orbicular minute, white, blackish-edged; reniform small, white, divided in middle by a fine fuscous streak: cilia dark fuscous, lighter along base. Hindwings with termen faintly waved; light fuscous, becoming gradually darker towards termen and apex; a faint fuscous discal spot; cilia whitish, with a fuscous subbasal line.

Parkside, S.A.; three specimens, in April.

CARADRINA MICRODES, n.sp.

♀. 22 mm. Head, palpi, antennæ and thorax dark fuscous. Abdomen ochreous. Legs fuscous-whitish, tarsi blackish ringed with white. Forewings elongate-triangular, termen hardly waved; dark fuscous; lines black, moderately developed, basal first and median waved, starting from black spot on costa, first preceded by a light fuscous parallel line, median thicker, second followed by an ochreous-fuscous parallel shade; subterminal indistinct; orbicular somewhat ovoid, reddish; reniform moderate, white, edged above and below with blackish, groundcolour above somewhat lighter: cilia fuscous. Hindwings with termen faintly waved; fuscous-whitish, becoming paler on basal half; cilia whitish, with a fuscous subbasal line.

Broken Hill, N.S.W.; several specimens, in May.

CARADRINA ETONIANA, n.sp.

♂. 40 mm. Head black. Face and palpi whitish, palpi blackish on sides. Thorax black, collar broadly grey-whitish. Abdomen greyish-fuscous. Antennæ fuscous, ciliated. Legs fuscous, anterior and middle coxæ black, all tarsi fuscous, ringed with whitish. Forewings elongate-triangular, termen faintly waved, obliquely rounded; dark fuscous, strongly suffused with blackish; costal edge spotted with yellowish; subbasal indistinct; first and

second lines black, dentate, first with long projection outwards on fold, edged throughout anteriorly with dull whitish; second regularly dentate throughout; subterminal dentate, anteriorly edged with a broad black shade, with black lines along veins on upper half; orbicular minute, yellowish, dot-like; reniform very large, orange-reddish, lower third filled in with black; terminal area of wing broadly dark brown; a row of dull ochreous spots at extremities of veins: cilia blackish. Hindwings iridescent-white; a few fuscous streaks on veins towards termen; a blackish apical patch; cilia iridescent-white, becoming fuscous round apical patch.

Parkside, S.A.; one specimen, in March.

CARADRINA PARAGYPSA, n.sp.

♀. 34 mm. Head, palpi and thorax fuscous, collar whitish, anterior half fuscous, thorax with a broad longitudinal whitish median patch. Abdomen and antennæ greyish. Legs fuscous-grey, tarsi fuscous, obscurely banded with ochreous. Forewings elongate-triangular, termen broadly waved, obliquely rounded; dark fuscous; all lines lost in general groundcolour; a very broad white subcostal streak, from base to $\frac{3}{4}$, becoming mixed with groundcolour on posterior extremity, a similar narrower streak above fold, from base to lower edge of reniform, edged below on anterior half with black; a short whitish streak at base, just above inner margin; terminal area of wing brownish; orbicular small, round, white; reniform moderate, white, with a fine fuscous transverse line through middle; a fine blackish line along termen: cilia dark fuscous. Hindwings with termen hardly waved; iridescent-whitish, strongly infuscated on terminal half; discal spot and submedian dots fuscous, moderately developed; cilia iridescent-white.

Parkside, S.A.; three specimens, in June.

CARADRINA CHRYSOSPILA, n.sp.

♀. 28 mm. Head and thorax dark fuscous, collar whitish, broadly fuscous on anterior half, thorax lighter in middle. Palpi

grey, fuscous on sides at base. Abdomen fuscous. Legs whitish, tarsi fuscous, banded above with ochreous. Forewings elongate-triangular, termen faintly waved, obliquely rounded; dark fuscous, more or less irrorated with dull whitish, especially on basal two-thirds; all lines obsolete; an elongate thick black streak along fold to $\frac{1}{3}$, orbicular and reniform placed on a black shade; orbicular small, round, ochreous; reniform ochreous, well developed; terminal area of wing light brownish-ochreous, edged anteriorly by blackish shade of groundcolour; an interrupted blackish line along termen: cilia fuscous. Hindwings with termen faintly waved; fuscous, lighter towards base; discal spot fuscous; cilia whitish with a fuscous subbasal line.

Parkside, S.A.; two specimens, in April.

CARADRINA OXYGONA, n.sp.

♂. 30 mm. Head and thorax fuscous, collar whitish, anteriorly broadly fuscous. Antennæ and palpi greyish, palpi blackish on sides towards base. Abdomen fuscous. Legs whitish, tarsi fuscous, banded above with ochreous. Forewings elongate-triangular, termen very faintly waved, obliquely rounded; slaty-grey, mixed with fuscous; subbasal black, thick, waved; first line thick, black, angulated above and below middle, edged anteriorly throughout with dull whitish; median indistinct, joining second on inner margin; second evenly waved throughout, black; subterminal blackish, edged anteriorly with elongate black marks on veins; terminal area of wing broadly dull bluish-white; orbicular small, ochreous, finely edged with black; reniform large, whitish, ochreous-tinged anteriorly, and edged suffusedly with blackish, rather broadly anteriorly: cilia fuscous, with an ochreous basal line. Hindwings with termen faintly waved; light fuscous, becoming whitish towards base; cilia white, with a fuscous subbasal line.

Blackwood, S.A.; one specimen, in April.

CARADRINA MACULATRA, n.sp.

♀. 30 mm. Head and palpi fuscous-whitish, palpi black on sides on basal half. Thorax and antennæ grey. Abdomen light

fuscous. Legs grey, tarsi fuscous, banded with ochreous above. Forewings elongate-triangular; termen almost entire, obliquely rounded; greyish, lines fuscous; subbasal first and second waved; first indented below middle; second curved outwards on upper $\frac{2}{3}$; median obsolete; orbicular obsolete; reniform obscure, fuscous; a well marked quadrate black spot touching middle of subterminal line anteriorly; subterminal faintly indicated; an obscure row of blackish dots along termen: cilia ochreous-fuscous, lighter at base. Hindwings and cilia dull whitish.

Brisbane and Mackay, Q.; three specimens, in December and March.

CARADRINA MONOCHROA, n.sp.

♀. 32 mm. Head, thorax and abdomen brownish-ochreous. Palpi greyish-fuscous. Legs whitish, tarsi fuscous. Forewings elongate-triangular, termen almost entire, obliquely rounded; brownish-ochreous; lines faint, blackish; subbasal and first hardly traceable; second evenly dentate throughout, gently curved outwards; subterminal fine, orbicular and reniform spots obsolete: cilia brownish-ochreous. Hindwings with termen faintly waved; fuscous, becoming darker on terminal half; cilia whitish, with a fuscous subbasal line.

Parkside, S.A.; five specimens, in April.

CARADRINA PORPHYRESCENS, n.sp.

♀. 38 mm. Head, palpi and thorax dull reddish, faintly purplish-tinged. Antennæ and abdomen greyish-fuscous. Legs greyish, anterior and middle coxæ reddish-tinged, tarsi fuscous, banded above with ochreous. Forewings elongate-triangular, termen almost entire, obliquely rounded; dull reddish, with purplish reflections; lines faint, fuscous; subbasal obsolete; first and median waved, only traceable on lower half; second line faintly waved throughout, nearly straight; subterminal edged anteriorly by a moderate fuscous shade throughout; terminal area of wing lighter than groundcolour: cilia fuscous. Hindwings with termen faintly waved; fuscous, somewhat shining, becoming

lighter on basal half; a fuscous discal spot; cilia whitish, with a fuscous subbasal line, more distinct on upper half.

Melbourne, Vic.; two specimens, in November.

CARADRINA ATRISQUAMATA, n.sp.

♀. 28 mm. Head, palpi, antennæ and thorax fuscous, palpi greyish beneath, blackish on sides towards base. Abdomen greyish. Legs grey-whitish, tarsi fuscous, more or less banded above with ochreous. Forewings elongate-triangular, termen nearly entire, obliquely rounded; dark fuscous; lines blackish, moderately defined; first evenly waved, nearly straight; median and second waved, curved outwards on upper half; parallel; subterminal obscure, nearly straight; orbicular and reniform obscure, little developed, whitish; some blackish scales along termen: cilia fuscous. Hindwings light fuscous, becoming lighter on basal half; cilia whitish, with a fuscous subbasal line.

Melbourne, Vic.; two specimens, in April.

CARADRINA EUCHROA, n.sp.

♂. 26 mm. Head, thorax and antennæ light ochreous-whitish, collar narrowly fuscous anteriorly. Palpi fuscous. Abdomen and legs grey-whitish, anterior tibiæ banded with fuscous, all tarsi fuscous, banded above with ochreous. Forewings elongate-triangular, termen nearly entire, obliquely rounded; light ochreous, mixed with light fuscous and whitish; subbasal, median and second lines obsolete; first line blackish, twice angulated; subterminal blackish, anteriorly edged by a broad blackish shade, more pronounced on upper half; costa spotted with blackish and alternate spots of groundcolour; a fine black line along fold, from base to $\frac{1}{4}$; orbicular hardly noticeable, light ochreous; reniform moderate, white, anteriorly preceded by a line of groundcolour, only separated by a curved black line; cellular space between orbicular and reniform black; an obscure fuscous line along termen: cilia ochreous, tinged with fuscous. Hindwings with termen almost entire; pale ochreous-whitish, somewhat infuscated along termen; an obscure fuscous discal dot; submedian and

subterminal lines faintly indicated, fuscous; a fuscous line along termen; cilia whitish.

Parkside, S.A.; one specimen, in April.

CARADRINA ADELPHODES, n.sp.

♂. 28 mm. Head, antennæ and thorax light ochreous-fuscous, thorax darker anteriorly. Palpi greyish, blackish beneath on basal $\frac{2}{3}$. Abdomen and legs light greyish, finely sprinkled with fuscous, tarsi fuscous, faintly banded with ochreous above. Forewings elongate-triangular, termen entire, obliquely rounded; light ochreous-fuscous; all lines blackish, obscurely indicated, first with moderate projection along fold, second evenly waved throughout, gently curved inwards below middle; subterminal very similar; orbicular small, round, white; reniform rather small, somewhat flattened; cellular space blackish; an obscure interrupted fuscous line along termen: cilia ochreous-fuscous, with a fuscous median line. Hindwings and cilia clear iridescent-whitish.

Broken Hill, N.S.W.; two specimens, in April.

Allied to the preceding, but easily separated by the clear whitish hindwings.

CARADRINA CRYPSICHARIS, n.sp.

♂. 32 mm. Head, antennæ and thorax ochreous-grey, thorax infuscated anteriorly and with two fuscous longitudinal lines, collar fuscous anteriorly. Palpi greyish, blackish on basal $\frac{2}{3}$. Abdomen and legs greyish-fuscous, tarsi fuscous, anterior pair banded above with ochreous. Forewings elongate-triangular, termen very faintly waved; light ochreous, suffusedly irrorated with fuscous on median third; all lines, except subterminal, obsolete; subterminal blackish, waved, edged anteriorly with a moderate blackish shade; some black dots along costa; veins towards middle of subterminal outlined with blackish; orbicular small, roundish, ochreous, finely edged with black; reniform somewhat quadrate, edged anteriorly by a streak of lighter groundcolour, separated from spot by a fine black line; cellular

space dark fuscous; a row of black dots along termen: cilia ochreous-grey. Hindwings whitish, irrorated with light fuscous along termen and apex; discal dot and submedian fuscous, faintly indicated; cilia whitish.

Var. senta.

Forewings unicolorous, ochreous, all lines except subterminal, which is faintly indicated, obsolete; orbicular, reniform and terminal dots absent. Hindwings and cilia faintly ochreous-tinged.

Parkside, S.A.; five specimens, including two of the var., in April.

CARADRINA PARATORNA, n.sp.

♂. 34 mm. Head, face, palpi and thorax chalky-whitish, palpi fuscous on sides at base. Antennæ ochreous-whitish. Abdomen greyish. Legs white, tarsi fuscous, banded above with ochreous. Forewings elongate-triangular, termen faintly waved, obliquely rounded; dull whitish-grey; subbasal, first and median lines obsolete; second gently waved throughout, fuscous, nearly straight; subterminal fuscous, with black points on veins, space between second and subterminal fuscous; a row of fine black dots along termen; orbicular and reniform hardly perceptible, ochreous: cilia dark fuscous, terminal half greyish-fuscous. Hindwings light fuscous, becoming whitish-fuscous on basal half; cilia white, fuscous-tinged around apex.

Parkside, S.A.; two specimens, in April.

ACRAPEX EXSANGUIS, n.sp.

♂. 20 mm. Head whitish. Palpi and thorax pale flesh-colour. (Abdomen broken). Antennæ ochreous. Legs whitish. Forewings elongate-triangular, termen nearly straight, oblique; fleshy-ochreous; all veins faintly outlined in white: cilia white, with a fuscous subbasal line. Hindwings with termen rounded, faintly sinuate above middle; clear white; cilia white, with faint fuscous subbasal line.

Mackay, Q.; one specimen, in November.

Noctuinae.

POLYDESMATA IGNEIPICATA, n.sp.

♂. 36 mm. Head, palpi, thorax and abdomen dark fuscous, mixed with reddish. Legs greyish, tarsi fuscous, banded above with ochreous. Antennae fuscous. Forewings elongate-triangular, termen strongly waved, obliquely rounded; dark fuscous, strongly mixed with reddish-cupreous; costa spotted alternately with blackish and reddish-cupreous; lines moderately thick, black; subbasal and second waved, edged posteriorly with reddish-cupreous; first similar, edged anteriorly with reddish-cupreous; subterminal evenly waved, nearly straight, edged posteriorly by a fine reddish line; orbicular and reniform reddish, finely edged with blackish; a fine black lunulate line along termen: cilia reddish-fuscous. Hindwings with termen waved, colour and markings as in forewings, but subbasal, first and median lines not indicated; cilia as in forewings.

Broken Hill, N.S.W.; Derby, W.A.; four specimens, in April.
Near *marmarinopa*, Meyr.

CORRHA PANDESMA, n.sp.

♀. 36 mm. Head, palpi, thorax, antennae, legs and abdomen dark fuscous, tarsi banded with ochreous. Forewings elongate-triangular, termen crenulate, very oblique, gently rounded; dark greyish-fuscous; basal area blackish, limited by first line which is moderately waved, with projections above middle and on fold; median line fuscous, only traceable on upper third; second line evenly waved throughout, followed by a broad blackish parallel shade; a submarginal row of black dots; a strongly waved blackish line along termen: cilia greyish-fuscous, with a waved fuscous subbasal line. Hindwings with termen crenulate, colour along termen, posterior shade, submarginal dots, terminal line and cilia as in forewings; basal $\frac{2}{3}$ of wing dull ochreous-fuscous, second line faintly indicated.

Blackwood, S.A.; one specimen, in April.

PROROCOPIS EUXANTHA, n.sp.

♀. 34 mm. Head, palpi, antennæ and thorax cinereous-fuscous. Abdomen dull ochreous. Legs whitish-ochreous, anterior pair fuscous. Forewings elongate-triangular, termen finely waved, oblique, hardly rounded; ashy-grey-whitish, crossed by numerous faint fuscous transverse lines; lines black, narrow, slightly waved; subbasal reaching fold, first nearly straight, median meeting second in middle, second with a rounded projection in middle, thence strongly inwards to meet median, and ending on inner margin about middle; subterminal faintly edged with whitish; a fine waved black line along termen: cilia fuscous. Hindwings with termen gently waved; yellow; a broad blackish band along termen; cilia yellow. Underside of forewings yellowish, with a broad fuscous band along termen.

Brisbane, Q.; one specimen, in December: Broken Hill, N.S.W., in January.

PROROCOPIS HYPOXANTHA, n.sp.

♂. 36 mm. Head, palpi, antennæ and thorax light greyish-fuscous, collar somewhat ferruginous in front, narrowly black behind. Abdomen greyish-ochreous. Legs greyish, tarsi fuscous, banded obscurely with ochreous. Forewings elongate-triangular, termen gently waved, gently rounded, oblique; light greyish-fuscous; lines fine, black, subbasal dentate, first nearly straight on upper third, angulated outwards below middle, and with a short acute projection just above inner margin; median faint, fuscous, waved, nearly straight; second nearly straight to below middle, thence strongly curved up to touch lower edge of reniform, thence returning to inner margin at $\frac{3}{4}$, twice sharply angulated above inner margin; subterminal waved, whitish, posteriorly edged with light fuscous; a fine, black crenulate line along termen; orbicular obsolete; reniform very large, bilobed, fuscous, finely edged with black: cilia light fuscous. Hindwings with termen waved; light ochreous; a fuscous discal dot; a broad blackish band along termen, narrowed towards anal angle.

Duaringa, Q.; one specimen, in December.

Erastrianæ.**TARACHE CLERANA, n.sp.**

♀. 20 mm. Head, palpi and thorax ochreous-white, thorax fuscous-tinged in middle. Antennæ fuscous. Abdomen ochreous. Legs ochreous-white. Forewings elongate-triangular, termen entire, obliquely rounded; ochreous-white; first, median and second lines obsolete, only indicated by small fuscous quadrate spots on costa; basal line broken into three fuscous dots; a broad fuscous subterminal shade (including subterminal line), anterior edge from costa before apex, thence continued very obliquely to middle of inner margin, with two rounded projections, one in middle and one below; the latter containing some black spots; posterior edge irregular, from apex along termen to anal angle, lower half containing 3 waved lines of groundcolour; an irregular row of black dots along termen, separated from preceding shade by a streak of groundcolour: cilia ochreous-white, with apical, median and small bars of fuscous. Hindwings with termen rounded; yellow; a faint fuscous discal dot; a broad fuscous band along termen, upper edge suffused; cilia ochreous, at base fuscous.

Derby, W.A.; two specimens, in November.

TARACHE HIEROGLYPHICA, n.sp.

♀. 16 mm. Head, palpi and thorax ochreous-white, thorax strongly mixed with fuscous. Abdomen ochreous. Legs whitish ochreous. Antennæ fuscous. Forewings elongate-triangular, termen entire, obliquely rounded; ochreous-white; basal line thick, fuscous, waved; first line thick, irregularly waved, connected with by thick streaks along costa and fold; a fuscous spot just below posterior extremity of costal streak; terminal $\frac{2}{3}$ of wing dark reddish-fuscous, containing a very oblique subterminal series of black spots and a waved streak of groundcolour above anal angle; a narrow oblique fuscous costal streak at $\frac{3}{4}$ of costa, connected with anterior edge of fuscous terminal area of wing, and a roundish spot just below, also touching fuscous area; some

black dots along termen: cilia fuscous, mixed with ochreous. Hindwings with termen rounded; ochreous; discal dot fuscous; a broad fuscous band along termen, upper edge suffused; cilia ochreous, base fuscous.

Broken Hill, N.S.W.; two specimens, in October.

Entelianæ.

ENTELIA MONEIDA, n.sp.

♀. 25 mm. Head, palpi, antennæ, thorax and abdomen dark fuscous, palpi greyish internally. Legs dark fuscous, tarsi banded with ochreous. Forewings elongate-triangular, termen evenly waved, obliquely rounded; dark fuscous, mixed with deep ferruginous; first and median lines very thick, black, especially median, nearly straight; second double, blackish, dotted somewhat with ochreous throughout, curved outwards above middle; subterminal sharply dentate throughout, black on upper $\frac{2}{3}$, thence indistinctly fuscous; orbicular indistinct, blackish; reniform dull whitish, centred with fuscous; a row of minute white dots along termen: cilia dark fuscous. Hindwings with termen evenly waved; dark fuscous becoming whitish on basal third; terminal dots as in forewings; cilia ferruginous-fuscous.

Cooktown, Q.; two specimens, in October.

PYRALIDÆ.

Gallerianæ.

MELISSOBLAPTES BARYPTERA, n.sp.

♀. 20 mm. Head, palpi and thorax whitish, thorax fuscous in middle. Antennæ, abdomen and legs greyish. Forewings elongate, moderate, costa hardly arched, termen obliquely rounded; fuscous, suffused with fleshy-white; a broad oblique median transverse fascia, darkest on edges, anterior edge finely dentate from $\frac{1}{3}$ costa to before middle of inner margin, posterior edge sharply dentate, median third curved outwards, from costa at $\frac{3}{4}$ to inner margin at $\frac{2}{3}$: cilia fuscous-whitish. Hindwings with termen

rounded; greyish-fuscous, becoming broadly fuscous along termen and with a fuscous submedian line; cilia fuscous-grey.

Parkside, S.A.; one specimen, in March.

Crambinæ.

CRAMBUS DIANIPHA, n.sp.

♂. 14 mm. Head, palpi, antennæ, thorax and legs fuscous-whitish. Abdomen grey-whitish. Forewings elongate, moderate, costa nearly straight, very oblique, hardly rounded; light fuscous, darkest on costa on apical third; a very broad white longitudinal streak from costa at base to apex, gradually dilated from base to beyond middle, thence somewhat constricted and gradually narrowed to extremity; streak edged below throughout with darker groundcolour; a fine oblique whitish streak before and parallel to termen; an indistinct suffused series of minute fuscous dots along termen: cilia whitish, with a fine fuscous subterminal line. Hindwings whitish-fuscous; cilia white.

Derby, W.A.; one specimen, in November.

SEDENIA ACHROA, n.sp.

♂. 22 mm. Head, palpi, antennæ, thorax and legs dark ochreous-fuscous, posterior legs greyish. Abdomen greyish. Forewings elongate-triangular, termen gently rounded, oblique; greyish-fuscous, strongly mixed with ochreous-fuscous; a moderately thick obscure line from $\frac{1}{4}$ of costa to $\frac{1}{4}$ of inner margin; a line of similar thickness from costa at $\frac{5}{6}$ to below middle of wing, thence strongly curved inwards, and ending at $\frac{2}{3}$ of inner margin; an obscure fuscous subterminal line: cilia fuscous, darkest at base. Hindwings with termen rounded; light grey, somewhat fuscous-tinged along margins; a suffused fuscous line from $\frac{1}{3}$ of costa towards inner margin; a similar line from $\frac{3}{4}$ of costa nearly to anal angle, thence continued shortly above termen; cilia greyish, with a fuscous subbasal line.

Closely allied to *xeroscopa*, Lower, but differs by the darker colour, straight costa and lines on hindwings, which in that

species do not reach so far across the wing. This may be a geographical form only, but it seems distinct enough.

SURATTHA BATHROTRICHA, n.sp.

♀. 26 mm. Head, palpi, antennæ and thorax whitish, palpi fuscous above, strongly haired below, patagia ochreous. Abdomen ochreous-fuscous. Legs fuscous, posterior pair whitish. Forewings very elongate, costa gently arched, termen hardly rounded, strongly oblique; broadly ochreous throughout costal space; lower two-thirds of wing pale whitish-fuscous; all veins neatly outlined with fuscous; a well defined dark fuscous longitudinal streak from base to apex, extremities attenuated, edged below on median third with clearer whitish; a row of blackish dots along termen: cilia whitish. Hindwings with termen rounded; whitish-fuscous; cilia whitish, with a fuscous subbasal line.

Broken Hill, N.S.W.; two specimens, in October.

Mr. Meyrick has pointed out (Trans. Ent. Soc. Lond. 1897, iv., p. 380) that the genus *Surattha*, Walk., as defined by Sir Geo. Hampson (*l.c.*, 1895, p. 965), is not tenable; as vein 5 of hindwings is sometimes present. It is present in one specimen before me; and absent, that is, coincident with 4, in another specimen, so that probably this species is more correctly referable to the genus *Talis*, Guen.

TALIS MACROGONA, n.sp.

♂. 20 mm. Head, palpi, antennæ and thorax ochreous-fuscous, palpi whitish beneath. Abdomen and legs whitish. Forewings elongate, posteriorly moderately dilated, termen hardly rounded, oblique; light brownish; a thick fuscous streak in middle from base to $\frac{1}{3}$; a moderate fuscous fascia from costa at $\frac{1}{3}$ to inner margin at $\frac{1}{3}$ with a long sharp angulation outwards in middle, costa between fascia and base and anterior edge of fascia becoming somewhat ochreous; a suffused quadrate fuscous spot in end of cell; a curved dentate fuscous line, edged posteriorly with ochreous, from $\frac{4}{5}$ of costa to immediately before anal angle; some fuscous

elongate streaks between this and termen; a row of fuscous dots along termen: cilia ochreous-fuscous. Hindwings greyish-fuscous; cilia whitish, base darker.

Exeter, S.A.; one specimen, in May.

Phycitinæ.

OLIGOCHROA AMAURA, n.sp.

♂. 25 mm. Head, palpi, antennæ and thorax deep coppery fuscous. Abdomen grey. Legs fuscous. Forewings elongate, moderately dilated, costa arched towards apex, termen gently rounded, oblique; deep coppery-fuscous; a moderately broad oblique blackish fascia, anteriorly edged with dull ochreous, from beyond $\frac{1}{3}$ of costa to before middle of inner margin; more or less continued along inner margin to near anal angle and there followed by an ochreous spot; a row of fine fuscous dots along termen: cilia fleshy-pink. Hindwings with termen rounded; greyish, becoming tinged with fuscous along termen and more prominently at apex; cilia greyish, with a faint fuscous line near base.

Brisbane, Q.; one specimen, in January.

NEPHOPTERYX CHRYSERYTHRA, n.sp.

♂. 16 mm. Head and thorax yellow, head mixed with fuscous. Palpi, antennæ and legs fuscous-purplish. Abdomen yellowish. Forewings elongate, moderately dilated posteriorly, termen hardly rounded, oblique; yellowish-orange, with a few scattered purplish dots, lines not traceable; a moderately broad purplish-fuscous apical patch, anterior edge suffusedly rounded; two faint whitish transverse lines in patch towards termen: cilia purplish, mixed with yellowish. Hindwings with termen rounded; light ochreous, becoming fuscous-tinged on terminal half; a fine fuscous line along termen; cilia fuscous, with a fuscous subbasal line.

Cooktown, Q.; one specimen, in November.

NEPHOPTERYX MONOSPILA, n.sp.

♂. 16 mm. Head, palpi, antennæ and thorax cinereous-fuscous, base of palpi whitish. Abdomen fuscous-whitish. Legs fuscous.

Forewings elongate, moderate, slightly dilated posteriorly; cinereous-fuscous; lines blackish, ill defined; first from $\frac{1}{3}$ of costa to $\frac{1}{3}$ inner margin, anteriorly suffusedly edged by a blackish shade which is separated from line by a streak of whitish; a large round white spot, lying just above inner margin in middle, touching first line; a blackish transverse discal spot, faintly edged posteriorly with some whitish scales; second line hardly traceable, dot-like, only traceable on margins, faintly edged posteriorly with some whitish scales; a fine blackish line along termen: cilia fuscous, with a dark fuscous subbasal line. Hindwings with termen rounded; whitish-hyaline, thinly scaled, becoming narrowly fuscous along termen; cilia whitish with a fuscous basal line.

Broken Hill, N.S.W.; one specimen, in April.

Not unlike *Tylochaeres cosmiella*, Meyr.

PHYCITA HEMICALLISTA, n.sp.

♂♀. 20-22 mm. Head, thorax, and abdomen pale ochreous. Antennæ and palpi fuscous, palpi whitish beneath. Legs whitish, fuscous-tinged. Forewings elongate, moderate, dilated posteriorly, termen hardly rounded, little oblique; pale ochreous on basal half of wing, terminal half pale fuscous, mixed with ochreous and shaded with obscure whitish metallic scales; a slightly curved deep purplish-fuscous line from middle of costa to middle of inner margin, anteriorly suffusedly edged with ferruginous; some faint fuscous dots along termen: cilia light ochreous, paler at base. Hindwings with termen rounded; pale whitish-ochreous, almost hyaline, becoming light fuscous along termen; cilia grey, becoming distinctly yellowish along base, and with a fine fuscous subbasal line.

Derby, W.A.; Mackay, Q; three specimens, in November.

CRYPTOBLABES FERREALIS, n.sp.

♀. 20 mm. Head, palpi, antennæ and thorax pale reddish, palpi paler beneath. Abdomen greyish. Legs reddish; somewhat suffused with whitish. Forewings elongate, moderate, slightly dilated posteriorly, termen gently rounded, oblique; pale

fleshy-red; lines lost in groundcolour, a broad white streak along costa from base to apex, suffused at base and beneath throughout into groundcolour; a row of fine fuscous dots along termen: cilia pinkish, with a fuscous submedian line. Hindwings with termen rounded, pale yellowish, thinly scaled; cilia greyish, with a fuscous subbasal line.

Brisbane, Q.; Derby, W.A.; two specimens, in January.

Epipaschianæ.

ORTHAGA PHŒOPTERALIS, n.sp.

♂. 20 mm. Head and thorax ochreous, mixed with some reddish scales. Palpi deep reddish. Antennæ ochreous. Abdomen ochreous, second segment with a narrow black band. Legs reddish-fuscous. Forewings elongate, moderately dilated posteriorly, termen gently rounded, oblique; ochreous, suffusedly irrorated with reddish; costa irregularly marked with fuscous; lines obscure, fuscous; first waved, with three blunt angulations; an obscure fuscous discal spot; second line strongly curved outwards, thrice sharply angulated on lower half; a triangular patch of fuscous, occupying apical portion of wing, anterior edged from $\frac{2}{3}$ of costa to above middle of termen; a row of deep reddish dots along termen: cilia ochreous-reddish, irregularly barred with darker reddish. Hindwings with termen rounded; whitish-fuscous, becoming broadly light fuscous along termen and apex; cilia as in forewings.

Duaringa, Q.; one specimen, in November.

Hydrocampinæ.

NYMPHULA TENEBRALIS, n.sp.

♂. 16 mm. Head, palpi, antennæ, thorax and legs fuscous, legs suffused with whitish. Abdomen greyish-fuscous. Forewings elongate, moderately dilated posteriorly, termen rounded, oblique; fuscous, mixed with dull whitish, groundcolour lighter between base and first line; lines whitish; first nearly straight, moderately waved throughout; second moderately waved throughout, with two dentations on lower half; groundcolour between lines darker;

some whitish scales along termen: cilia fuscous. Hindwings with termen rounded; colour, lines and markings as in forewings, base of wing lighter; terminal area faintly reddish-tinged; cilia fuscous-whitish.

Brisbane, Q.; four specimens, in January.

Scoparianæ.

ECLIPSIODES ARGOLINA, n.sp.

♀. 16 mm. Head, palpi, thorax, antennæ and abdomen fuscus, abdomen ochreous-tinged. Legs fuscous-whitish. Forewings elongate, moderately dilated posteriorly, termen gently rounded, oblique; fuscous, irregularly blotched with whitish; first line fine, black, oblique, angulated in middle, edged anteriorly throughout with white; base of wing whitish, blackish on fold; second line fine, waved, obscure, blackish, edged anteriorly by a broader white line throughout, which is dilated and confluent on inner margin with termination of a narrow white transverse streak which proceeds from costa near apex; a broad fuscous shade along termen; a fine whitish terminal line: cilia fuscous. Hindwings with termen rounded; light fuscous, darker towards termen; cilia as in forewings, but strongly mixed with whitish.

Broken Hill, N S.W.; one specimen, in April.

ECLIPSIODES EPIGYPSA, n.sp.

♀. 16 mm. Head, palpi, antennæ and thorax cinereous-fuscous, palpi whitish beneath. Legs fuscous. (Abdomen broken). Forewings elongate, moderately dilated posteriorly, termen gently rounded, rather strongly oblique; cinereous-fuscous, strongly suffused with white; lines fuscous, obscure, first moderate, angulated in middle; second thick, irregular, becoming blotch-like in middle; a moderate fuscous discal spot; two oblique fuscous marks on costa near apex; a row of connected fuscous dots along termen: cilia cinereous-fuscous, with some dark fuscous spots at base. Hindwings with termen rounded; light fuscous, becoming grey whitish on basal half; cilia greyish, with two fuscous lines.

Broken Hill, N.S.W.; one specimen, in September.

Allied to the preceding, but separable by the absence of white streaks, etc.

ECLIPSIODES LEUCONOTA, n.sp.

♀. 20 mm. Head, antennæ and thorax cinereous-fuscous, thorax with a white posterior spot. Palpi dark fuscous. Abdomen fuscous, second segment whitish. Legs whitish-fuscous, tibiæ and tarsi fuscous, obscurely banded with whitish. Forewings elongate, gradually dilated posteriorly, termen gently rounded, oblique; ashy-grey-whitish; lines thick, blackish; first gently curved outwards, anterior edge nearly straight, posterior edge irregularly waved, somewhat suffused; second commencing on costa at $\frac{4}{5}$, slightly waved and curved outwards on upper half, thence strongly inwards curved to beneath 2 posterior discal spots, and ending on inner margin beyond middle; a white, black-edged, roundish spot below costa at $\frac{1}{3}$; 2 similar spots, one above the other, at posterior extremity of cell; a row of fine black dots along termen: cilia ashy-whitish, mixed with fuscous at base. Hindwings with termen rounded; light fuscous, becoming darker along terminal half; cilia white, with a fuscous subbasal line.

Semaphore, S.A.; one specimen, in June.

SCOPARIA STENOPA, n.sp.

♂. 20 mm. Head, palpi, antennæ and thorax brownish-fuscous. Legs fuscous-whitish. (Abdomen broken). Forewings elongate, rather narrow, termen oblique: light fuscous, strongly irrorated with whitish, lines obscurely blackish; first gently curved outwards; second dentate, oblique, only traceable on margins; a suffused blackish streak along fold, from near base to $\frac{1}{3}$; lower edge of cell edged by a fine ferruginous line; an elongate whitish mark in cell, edged below with its own width of black, which colour is continued around posterior extremity of mark where it becomes spot-like; some short black elongate lines towards termen and apex; a row of suffused blackish spots along termen: cilia whitish, with a fuscous subbasal line. Hindwings with termen rounded; grey-whitish, thinly scaled, becoming somewhat darker towards termen; cilia as in forewings.

Blackwood, S.A.; one specimen, in April.

TETRAPROSOPUS PARACYCLA, n.sp.

♀. 14 mm. Head, palpi, antennæ and thorax cinereous-fuscous, palpi whitish at base beneath. Legs whitish-fuscous. Abdomen greyish, anterior segments ochreous. Forewings elongate, moderately dilated posteriorly, termen gently rounded, oblique; ashy-grey-whitish; lines fine, black, well marked; first nearly straight; second from costa at $\frac{3}{4}$ strongly curved inwards on lower half and ending on inner margin at $\frac{2}{3}$; a fuscous dot near base in middle; a moderate, roundish, whitish spot in end of cell, edged anteriorly with blackish; a row of fine black terminal spots; a row of similar spots along base of cilia: cilia fuscous-whitish, with a fuscous median line.

Broken Hill, N.S.W.; one specimen, in October.

Very distinct by the clearness of markings.

Pyraustinae.**SYLEPTA CROCOPHANES, n.sp.**

♀. 32 mm. Head, antennæ and thorax ochreous, collar yellow. Palpi fuscous, basal $\frac{2}{3}$ beneath white. Abdomen ochreous, whitish on sides. Legs whitish, anterior tibiae and tarsi banded with fuscous. Forewings elongate, moderately dilated posteriorly, termen faintly bowed, oblique; dull yellowish, with fuscous markings; a moderately thick streak along costa, from close to base to apex; first line narrow, faint, gently curved outwards; second thick, from $\frac{3}{4}$ of costa, strongly angulated outwards in middle, sinuate below middle, and ending on costa at $\frac{2}{3}$; a quadrate spot touching lower edge of costal streak just beyond first line; a second similar but larger spot in posterior extremity of cell; terminal area of wing, including apical portion, fuscous: cilia ochreous, with a row of blackish marks at base. Hindwings with termen rounded; colour, cellular spot, and second line as in forewings; first line absent; basal third of wing whitish; a fuscous apical spot; cilia and terminal dots as in forewings.

Mackay, Q.; two specimens, in November.

GLYPHODES MESOZONA, n.sp.

♀. 28 mm. Head whitish. Palpi and antennæ fuscous. Thorax iridescent-whitish. Legs and abdomen whitish. Forewings elongate-triangular, termen rounded, oblique; iridescent-whitish; markings fuscous; a moderately thick streak along costa, from base to $\frac{1}{3}$, with two thick projections downwards in middle and at posterior extremity; a broad blackish-edged transverse fascia, slightly curved outwards from middle of costa towards middle of termen, but hardly reaching it; a fine subterminal line, slightly curved inwards on upper third, posterior edge throughout with elongate projections; a fine line along termen: cilia iridescent-whitish. Hindwings with termen rounded; colour as in forewings; a somewhat pyriform median fuscous discal ring; subterminal and terminal lines and cilia as in forewings.

Mackay, Q.; two specimens, in June.

Not unlike a variety of *Dysallacta negatalis*, G'n.

PIONEA ORTHOGRAMMA, n.sp.

♂. 18 mm. Head, palpi, thorax and legs whitish; thorax with a fuscous median quadrate spot, collar ochreous-tinged. Antennæ fuscous. Abdomen ochreous. Forewings elongate, moderately dilated posteriorly; termen oblique; whitish-ochreous; markings fuscous; three moderate transverse fasciæ, first basal, second from $\frac{1}{3}$ costa to $\frac{1}{3}$ inner margin, connected with first on costa by a fuscous streak; third irregular, from $\frac{2}{3}$ of costa to $\frac{2}{3}$ inner margin, slightly oblique and blotch-like on upper half, thence narrower and straight on lower half, where it is joined by lower half of subterminal and appears double; subterminal gently curved, dot-like on upper half; upper half of terminal area fuscous, with a row of whitish dots near termen: cilia ochreous-whitish, posterior half fuscous. Hindwings with termen rounded; yellow; a broad fuscous band along termen; cilia fuscous, ochreous around anal angle.

Broken Hill, N.S.W.; one specimen, in November.

Not unlike a specimen of *Eclipsiodes crypsixantha*, Meyr., one of the *Scopariance*, especially on hindwings.

PIONEA MONOPHÆES, n.sp.

♂. 25 mm. Head, palpi, antennæ and thorax light ochreous-fuscous, palpi beneath snow-white. Abdomen darker ochreous-fuscous. Legs pearly-white, anterior infuscated. Forewings elongate, moderately dilated posteriorly, termen oblique, hardly rounded; unicolorous light ochreous-fuscous; without markings: cilia darker ochreous-fuscous. Hindwings with termen rounded; light fuscous, becoming whitish-fuscous on basal half; a fine fuscous line along termen; cilia as in forewings, but becoming whitish around anal angle.

Mackay and Brisbane, Q.; two specimens, in November.

PYRAUSTA HYALISTIS, n.sp.

♂. 25 mm. Head, palpi, antennæ, legs and thorax ochreous-fuscous, palpi paler beneath, posterior legs ochreous-whitish. Abdomen greyish. Forewings elongate, rather strongly dilated; ochreous-fuscous; first line finely dentate throughout, nearly straight; second strongly dentate throughout, and with a deep sinuation below middle; a triangular, somewhat hyaline spot in cell in middle, edged on sides with fuscous; two elongate contiguous similar spots below costa at $\frac{3}{4}$, preceding beginning of second line, groundcolour below much lighter; three or four fuscous dots on apical portion of costa; a row of fine fuscous dots along termen: cilia ochreous, with a fuscous subbasal line. Hindwings with termen rounded; pale yellowish; second line as in forewings; a faint fuscous discal dot; a suffused light fuscous band along termen, narrowed towards anal angle; terminal dots and cilia as in forewings.

Sale, Melbourne, Vic.; three specimens, in November.

PHLYCTENODES OCHROMORPIA, n.sp.

♀. 20 mm. Head, palpi and antennæ fuscous, palpi beneath whitish. Thorax and abdomen pale ochreous. Legs ochreous-whitish, anterior pair infuscated. Forewings elongate, moderately dilated; termen oblique, hardly rounded; pale ochreous, markings fuscous; first line irregular, divided into spots; second dentate

throughout, strongly curved inwards below middle; a large spot on posterior end of cell; a row of fine dots along termen: cilia ochreous tinged with fuscous. Hindwings with termen rounded; pale greyish-ochreous, thinly scaled; cilia as in forewings.

Derby, W.A.; one specimen, in November.

TORTRICINA.

TORTRICIDÆ.

TORTRIX METALLOCSMA, n.sp.

♂. 16 mm. Head, antennæ and thorax dark reddish-fuscous. Palpi and legs ochreous-whitish, posterior legs fuscous. Forewings elongate, costa slightly arched, termen gently rounded, oblique; deep reddish, darker on basal half; three pairs of purplish metallic transverse waved lines, first pair curved outwards, from before middle of costa to middle of inner margin, where they meet; second pair similar, from $\frac{2}{3}$ of costa to just before anal angle; third pair similar, from costa before apex to about $\frac{1}{3}$ of termen; a row of blackish spots from base to along costa and continued around apex, along termen and ending on anal angle, interspaces more or less filled in with ochreous, costal spots more quadrate and less defined: cilia fuscous. Hindwings with termen rounded; bright orange, with a few fuscous scales towards apex; cilia fuscous.

Not near any other known Australian species, but having the facies of one of the genus *Eupselia* (*Plutellidæ*).

Cooktown, Q.; one specimen, in October.

TINEINA.

PLUTELLIDÆ.

EUPSELIA PHILOMORPHA, n.sp.

♀. 16 mm. Head yellow. Thorax, antennæ, legs and abdomen dark purplish-fuscous, posterior tibiæ and tarsi orange. Palpi yellow. Forewings elongate, moderate, costa hardly arched, termen rounded, oblique; dark purplish-fuscous, with ochreous

markings; a large somewhat cuneiform spot lying on inner margin at base, extending to beyond $\frac{1}{3}$, separated from costa by a thick streak of groundcolour; a large elongate-quadrate patch on middle of costa, extending more than half across wing, posterior edge faintly curved inwards; a small subcostal spot before apex: three roundish black spots on lower $\frac{2}{3}$ of termen, anterior edges yellowish, posterior metallic purple: cilia dark fuscous. Hindwings with termen rounded; bright orange; some black scales along base; cilia fuscous.

Stawell, Vic., one specimen, in November.

A beautiful species, perhaps nearest *holoxantha*, Lower, but the large ochreous spots of forewings are very different from that or any other known to me.